COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION
4219 CAMPBELL AVENUE
LYNCHBURG, VIRGINIA 24501
VDOT.Virginia.gov

CHARLES A. KILPATRICK, P.E.
COMMISSIONER

1/11/2018

Appomattox County School Board
P.O. Box 548 198 Evergreen Avenue
Appomattox, VA, 24522

JWS Communications
P.O. Box 262
Bedford, VA 24523

LAND USE PERMIT COMPLETION NOTICE
Permit Number: *320-26836*
Route Number: *691,131, 1002,1004,1003,1008*
Location: *Appomattox County*
Completion Date: *1/11/2018*
Surety Type: *Bond*
Surety Amount: *$15000.00*

Dear Permittee:

The above referenced VDOT land use permit has been satisfactorily completed. Please note that the surety bond # 6746327 provided by the agent will be returned to the bonding company.

Should you have any questions please contact the following VDOT permit office:

Appomattox Residency
331 Ferguson Street
Appomattox, VA 24522

Sincerely,

Kimberly R. McMahan

Kimberly R. McMahan, P.E.
Area Land Use Engineer
Office 434-352-6693
Cell 434-942-2168

CC: Donna M. Smith, The Cincinnati Insurance Company, 6200 S. Gilmore Rd, Fairfield, OH 45014-5141

Commonwealth Of Virginia

Department Of Transportation

Land Use Permit

Permit No 320-26836

Status COMPLETED

This permit only grants permission to use whatever rights the Commonwealth Transportation Board and the Department of Transportation have in the right of way and no more, and it is the obligation of the permittee to secure any other releases or permission that may be needed in order to perform the work.

Effective Date Sep 20, 2016 **Expiration Date** Sep 20, 2017 **Reinstatement Date**

Permitee Information	Your Job#	Surety & Account Receivable Information
Owner & Address Appomattox County School Board P.O. Box 548 198 Evergreen Avenue Appomattox VA 24522	**Agent** JWS Communications JWS Communications P.O. Box 262 Bedford Virginia 24523	**Name** JWS Communications, Inc. **Surety Account** 6746327 **Surety Type** Bond **Amount** 15,000.00 **Obligation Amount** 15,000.00 **Surety Holder** AGENT
Contact Brette Arbogast **Phone#** 434-352-8251 **Fax#** 434-352-0883 **24 Hr#**	**Contact** Jon Jackson **Phone#** 540-586-3687 **Fax#** 540-586-5716 **24 Hr#** 540-537-2692	

AUTHORIZATION: In compliance with your application, permission is hereby given insofar as the Commonwealth Transportation Board has the right, power, and authority under sections 33.2 - 210;33.2 - 240;33.2 - 241 of the Code of Virginia as amended, to grant by Special Agreement and/or by Land Use Permit for you to perform the work and or activity(s) described below:

Location

County/City/Town	Appomattox County	Highway Route(s)	691,131, 1002,1004,1003,1008 - Lee Grant,
From Route Number	1008	From Route Name	Court St, Evergreen, Patricia Ann,
To Route Number	1043	To Route Name	Virginia,Ferguson Ferguson St Dogwood St

Work Description

Work includes construction of fiber network of approx. 11000 LF buried by directional drilling install method as shown on the plans by JWS Communications dated 8/23/2016. Work to be in the Town of Appomattox. No pavement will be cut and all handholes will be placed outside of the roadway pavement. VDOT permit only covers work within VDOT R/W. All disturbed areas on VDOT right-of-way are to be restored to maintain positive drainage, and re-seeded in accordance with state specifications. All utilities are to be installed per the attached plans, comply with the VDOT Land Use Special Provision, and the Land Use Permit Regulations, 24VAC 30-151.The appropriate Traffic Control set up in accordance with the appropriate work zones from the 2011 Virginia Work Area Protection Manual Rev 1, dated April 1, 2015. Prior to working in the R/W the permittee must contact VDOT Representative at 434-352-6693. Any revisions must be approved BEFORE install. As-builts are required.

Fee Description	Fee
fee Additive ck#10642	$1,064.00
Fee base ck#10642	$100.00

Applicant has compiled with VA Code Section 56-265.15 Affidavit is attached.

TERMS: Applicable as stated in the VDOT Land Use Permit Regulations (current edition) and/or as per approved plans, and/or regulatory instructions, including but not limited to the LUP-SPG and/or agreement(s) attached hereto.

COMMONWEALTH TRANSPORTATION BOARD

By: Kimberly R. McMahan *Jan 11, 2018*

Area Land Use Engineer

C	Call before you dig
A	Allow the required time for marking
R	Respect and protect the marks/flags
E	Excavate carefully

Call Miss Utility
811

FINAL INSPECTION & SURETY REQUIREMENTS: Upon completion of the work or activity(s) authorized under this Land Use Permit, the permittee shall contact the following office in writing or by electronic communication to request final inspection and release of the surety obligation for this permit.

Lynchburg District Office
4219 Campbell Avenue
Lynchburg VA 24501

VDOT Virginia Department of Transportation

2010 Land Use Permit Regulations
LUP-SB
Surety Bond
August 26, 2014

6746327

COPY

BE KNOWN THAT WE JWS Communications, Inc. as Principal, and The Cincinnati Insurance Company, a corporation duly incorporated under the Laws of the State of Ohio, as Surety, are held and firmly bound unto the Commonwealth of Virginia in the full and just sum of Fifteen Thousand and No/100 U.S. Dollars ($15,000.00), to be paid to the Commonwealth of Virginia to the payment whereof we hereby bind ourselves and our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents, sealed and dated this 1st day of September (month), 20 16 (year).

WHEREAS, The said Principal hereunder has been or will be granted permit(s) authorizing one or more of the following activities;(A) to move house property upon public highways of Virginia (B) to cut surface of the highways of Virginia, or to tunnel under such highways; (C) to install and/or erect and maintain telephone, electric power lines, water, sewer, gas or other utilities on, under or over such highways, bridges or tunnels;(D) to install an entrance or tie-in into a public roadway and/or grading upon the Right -of- way; or (E) for the following purposes: Explain below exact purpose(s) for which surety coverage is being obtained:

Installation of Fiber Optic Cable

Work to be performed in the county, city or town of: Appomattox County High School, Tech Center, Elementary School, Public Works Office & School Board Office

THEREFORE, The conditions of this obligation are such that if the said Principal shall in all respects comply with the terms and conditions of said permit(s), and fully meet and perform obligations thereunder in accordance with requirements for permits as set forth in the Land Use Permit Manual in effect at time of permit issuance, and shall satisfactorily complete the work permitted, and shall indemnify and save harmless the Commonwealth of Virginia against and from all loss, cost, expense damage or injury to highways and bridges and to persons and property lawfully on such highways, growing out of the granting of such permit(s) to said Principal, then this obligation be void, otherwise to be and remain in full force and virtue.

NOW, THEREFORE, It is expressly understood that this Bond may be canceled by the Surety at the expiration of sixty (60) days from the date which the Surety shall have lodged with the Commonwealth Transportation Commissioner or his designees written notice to so cancel. This provision, however, shall not operate to relieve, release or discharge the Surety from any liability already accrued, or which shall accrue, on permits issued before the expiration of the sixty-day period. **Bonds securing performance on specified active permit(s) may be canceled only upon satisfactory completion of permit(s), as determined by the Department Engineer.** NOTE: Continuous Bond cannot be canceled unless facilities covered by the permit have been removed from the Right -of-way, or the principal has arranged for replacement surety protection. **ALL permit work covered under section (C) above shall be covered by a bond at all times.**

Said principal and surety, being properly authorized, have caused these presents to be executed and their seals affixed the day and year first above written.

Surety name The Cincinnati Insurance Company	Principal name JWS Communications, Inc.
Bond number 6746327	TAX ID # or DMV ID # 54-2003663
Address 6200 S GILMORE RD	Address 1429 W LYNCHBURG SALEM TPKE
City FAIRFIELD State OH ZIP 45014-5141	City BEDFORD State VA ZIP 24523-3956
Contact person Egbert, Cameron	Contact person Jon Jackson
Telephone number 513-870-2000	Telephone number 540-537-2692
Attorney-in-Fact Name Donna M. Smith	
Signature Donna M. Smith	Signature

POWER OF ATTORNEY AUTHORIZATION TO BE ATTACHED
Acknowledgement of Principal

Attorney-In-Fact
(Seal)

STATE OF _____ COUNTY / TOWN / CITY OF _____

I, the undersigned, a Notary Public in and for the County / Town / City aforesaid, in the State aforesaid, do certify that, _____ whose name as Principal is signed to the foregoing writing bearing date this _____ day of _____ (month), 20 ___ (year), personally appeared before me and acknowledged the same.

Given under my hand this _____ day of _____ (month), 20____ (year)

My Commission expires: _____

_____
Notary Public

Affidavit and Acknowledgement of Surety

STATE OF Virginia COUNTY/TOWN/CITY OF Lynchburg

I, the undersigned, a Notary Public in and for the County/Town/City aforesaid, in the State aforesaid, do certify that, Donna M Smith (Name of Attorney in Fact) personally appeared before me and made oath that he is Attorney-in-Fact (Title) of the The Cincinnati Insurance Company (Name of Surety), that he is duly authorized to execute the foregoing bond by virtue of a certain power of attorney of said company; that said power of attorney has not been revoked; that the said company has complied with all the requirements of law regulating the admission of such companies to transact business in the State of Virginia; that the said company holds the certificate of the Commissioner of Insurance authorizing it to do business in the State of Virginia: that it has a paid-up cash capital of not less than $250,000; that the paid-up capital plus the surplus and undivided profits of said company is $ 4,412,431,473 00 ; that the penalty of the foregoing bond is not in excess of ten percentum of said sum; that the said company is not by said bond incurring in the aggregate, on behalf or on account of the principal names in said bond, a liability for an amount larger than one-tenth of its paid-up capital, plus its surplus and undivided profits; that the said company is solvent and fully able to meet promptly all its obligations, and the said Donna M Smith (Attorney in fact name) thereupon, in the name and on behalf of the said company, acknowledged the foregoing writing as its act and deed.

Given under my hand this 1st day of September (month), 20 16 (year)

My Commission expires: March 31, 2018

Frieda K. Amos

Notary Public Frieda K. Amos
Registration No. 205483

Original to be filed with the Virginia Department of Transportation
Request for Land Use Permit Surety Bond Cancellation may be addressed to:
Virginia Department of Transportation

_____

_____

THE CINCINNATI INSURANCE COMPANY

Fairfield, Ohio

POWER OF ATTORNEY

6746327

KNOW ALL MEN BY THESE PRESENTS: That THE CINCINNATI INSURANCE COMPANY, a corporation organized under the laws of the State of Ohio, and having its principal office in the City of Fairfield, Ohio, does hereby constitute and appoint

Donna M Smith

of Lynchburg, VA its true and lawful Attorney(s)-in-Fact to sign, execute, seal and deliver on its behalf as Surety, and as its act and deed, any and all bonds, policies, undertakings, or other like instruments, as follows:

Any such obligations in the United States,

Twenty Million and No/100 Dollars ($20,000,000.00).

This appointment is made under and by authority of the following resolution passed by the Board of Directors of said Company at a meeting held in the principal office of the Company, a quorum being present and voting, on the 6th day of December, 1958, which resolution is still in effect:

RESOLVED, that the President or any Vice President be hereby authorized, and empowered to appoint Attorneys-in-Fact of the Company to execute any and all bonds, policies, undertakings, or other like instruments on behalf of the Corporation, and may authorize any officer or any such Attorney-in-Fact to affix the corporate seal; and may with or without cause modify or revoke any such appointment or authority. Any such writings so executed by such Attorneys-in-Fact shall be binding upon the Company as if they had been duly executed and acknowledged by the regularly elected officers of the Company.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company at a meeting duly called and held on the 7th day of December, 1973.

RESOLVED, that the signature of the President or a Vice President and the seal of the Company may be affixed by facsimile on any power of attorney granted, and the signature of the Secretary or Assistant Secretary and the seal of the Company may be affixed by facsimile to any certificate of any such power and any such power of certificate bearing such facsimile signature and seal shall be valid and binding on the Company. Any such power so executed and sealed and certified by certificate so executed and sealed shall, with respect to any bond or undertaking to which it is attached, continue to be valid and binding on the Company.

IN WITNESS WHEREOF, THE CINCINNATI INSURANCE COMPANY has caused these presents to be sealed with its corporate seal, duly attested by its Vice President this 1st day of April, 2007.

The Cincinnati Insurance Company CORPORATE SEAL OHIO

THE CINCINNATI INSURANCE COMPANY

Thomas H. Kelly

Vice President

STATE OF OHIO)
) ss:
COUNTY OF BUTLER)

On this 1st day of April, 2007, before me came the above-named Vice President of THE CINCINNATI INSURANCE COMPANY, to me personally known to be the officer described herein, and acknowledged that the seal affixed to the preceding instrument is the corporate seal of said Company and the corporate seal and the signature of the officer were duly affixed and subscribed to said instrument by the authority and direction of said corporation.

NOTARIAL SEAL STATE OF OHIO

Mark J. Huller

MARK J. HULLER, Attorney at Law
NOTARY PUBLIC - STATE OF OHIO
My commission has no expiration
date. Section 147.03 O.R.C.

I, the undersigned Secretary or Assistant Secretary of THE CINCINNATI INSURANCE COMPANY, hereby certify that the above is a true and correct copy of the Original Power of Attorney issued by said Company, and do hereby further certify that the said Power of Attorney is still in full force and effect.

GIVEN under my hand and seal of said Company at Fairfield, Ohio.
this 1st day of September 2016

The Cincinnati Insurance Company CORPORATE SEAL OHIO

Gregory J. Schlueter

Secretary

BN-1005 (3/02)

Commonwealth Of Virginia

Department Of Transportation

Land Use Permit

Permit No 320-26836

Status APPROVED

This permit only grants permission to use whatever rights the Commonwealth Transportation Board and the Department of Transportation have in the right of way and no more, and it is the obligation of the permittee to secure any other releases or permission that may be needed in order to perform the work.

Effective Date Sep 20, 2016 **Expiration Date** Sep 20, 2017 **Reinstatement Date**

Permitee Information	Your Job#	Surety & Account Receivable Information
Owner & Address Appomattox County School Board P.O. Box 548 Appomattox Virginia 24522	**Agent** JWS Communications JWS Communications P.O. Box 262 Bedford Virginia 24523	**Name** JWS Communications, Inc. **Surety Account** 6746327 **Surety Type** Bond **Amount** 15,000.00 **Obligation Amount** 15,000.00 **Surety Holder** AGENT
Contact Brette Arbogast **Phone#** 434-352-8251 **Fax#** 434-352-0883 **24 Hr#** 434-352-8251	**Contact** Jon Jackson **Phone#** 540-586-3687 **Fax#** 540-586-5716 **24 Hr#** 540-537-2692	

AUTHORIZATION: In compliance with your application, permission is hereby given insofar as the Commonwealth Transportation Board has the right, power, and authority under sections 33.1 - 12(3);33.1 - 197 ;33.1 - 198 of the Code of Virginia as amended, to grant by Special Agreement and/or by Land Use Permit for you to perform the work and or activity(s) described below:

Location

County/City/Town	Appomattox County	Highway Route(s)	691,131, 1002,1004,1003,1008 - Lee Grant,
From Route Number	1008	From Route Name	Court St, Evergreen, Patricia Ann,
To Route Number	1043	To Route Name	Virginia,Ferguson Ferguson St Dogwood St

Work Description

Work includes construction of fiber network of approx. 11000 LF buried by directional drilling install method as shown on the plans by JWS Communications dated 8/23/2016. Work to be in the Town of Appomattox. No pavement will be cut and all handholes will be placed outside of the roadway pavement. VDOT permit only covers work within VDOT R/W. All disturbed areas on VDOT right-of-way are to be restored to maintain positive drainage, and re-seeded in accordance with state specifications. All utilities are to be installed per the attached plans, comply with the VDOT Land Use Special Provision, and the Land Use Permit Regulations, 24VAC 30-151.The appropriate Traffic Control set up in accordance with the appropriate work zones from the 2011 Virginia Work Area Protection Manual Rev 1, dated April 1, 2015. Prior to working in the R/W the permittee must contact VDOT Representative at 434-352-6693. Any revisions must be approved BEFORE install. As-builts are required.

Fee Description	Fee
fee Additive ck#10642	$1,064.00
Fee base ck#10642	$100.00

Applicant has compiled with VA Code Section 56-265.15 Affidavit is attached.

TERMS: Applicable as stated in the VDOT Land Use Permit Regulations (current edition) and/or as per approved plans, and/or regulatory instructions, and/or agreement(s) attached hereto.

COMMONWEALTH TRANSPORTATION BOARD

By: *Kimberly B. McMahan* *Sep 20, 2016*

for Harley E. Joseph, Jr. P.E

C	Call before you dig
A	Allow the required time for marking
R	Respect and protect the marks/flags
E	Excavate carefully

Call Miss Utility
811

FINAL INSPECTION & SURETY REQUIREMENTS: Upon completion of the work or activity(s) authorized under this Land Use Permit, the permittee shall contact the following office in writing or by electronic communication to request final inspection and release of the surety obligation for this permit.

Lynchburg Land Use - Central Area
4219 Campbell Avenue
Lynchburg VA 24501

320-26836

DATE 9-19-16 KRM

RECEIPT 140609

RECEIVED FROM JWS Communications

ADDRESS P.O. Box 262, Bedford, VA 24523

DOLLARS $ 1,164.00

FOR Appomattox School District Fiber Project

ACCOUNT			HOW PAID		
BEGINNING BALANCE			CASH		
AMOUNT PAID			CHECK	1164	00
BALANCE DUE			MONEY ORDER		

CK# 10642 Wells Fargo

BY Kimberly B. McMahan

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JWS COMMUNICATIONS
P O BOX 262 PH 540-586-3687
BEDFORD, VA 24523

10642

68-54/514 20139
2000006925310

DATE 9-12-16

PAY TO THE ORDER OF Virginia Department of Transportation $ 1164 00/

One Thousand one hundred sixty four and 00/100 DOLLARS

WELLS FARGO Wells Fargo Bank, N.A. Virginia wellsfargo.com

FOR _____

⑈00000 10642⑈ ⑆051400549⑆ 2000006925310⑈

August 1, 2016

VDOT Virginia Department of Transportation

Land Use Permit Application (LUP-A)

APPLICATION is hereby made for permit as shown on the accompanying plan or sketch and as described below. Said activity(s) will be done under and in accordance with the rules and regulations of the Commonwealth Transportation Board of Virginia, in so far as said rules are applicable thereto and any agreement between the parties herein before referred to. Where applicable agreements may be attached and made a part of the permit assembly including any cost responsibilities covering work under permit. Applicant agrees to maintain work in a manner as approved upon its completion. Applicant also hereby agrees and is bound and held responsible to the owner for any and all damages to any other installations already in place as a result of work covered by resulting permit. Applicants to whom permits are issued shall at all times indemnify and save harmless the Commonwealth Transportation Board members of the Board, the Commonwealth and all Commonwealth employees, agents, and offices, from responsibility, damage, or liability arising from the exercise of the privileges granted in such permit to the extent allowed by law. In consideration of the issuance of a permit the applicant agrees to waive for itself, successors in interest or assigns any entitlements it may otherwise have or have hereafter under the Uniform Relocation and Assistant Act of 1972 as amended in event the Department or its successor, chooses to exercise its acknowledged right to demand or cause the removal of any or all fixtures, personality of whatever kind or description that may hereafter be located, should this application be approved.

Applicant Information:

Driver's License or Tax ID No. 54-6001121
Owner Name Appomattox County School Board
Address 316 Court St
City Appomattox State VA Zip Code 24522

Contact Name Brette Arbogast
E-mail Address baarbogast@appomattox.k12.va.us
Telephone Number (434) 352 - 8251
Emergency Telephone Number ( ) -
Fax Number (434) 352 - 0883

Agent information:

Driver's License or Tax ID No. 54-2003663
Owner Name JWS Communications
Address PO Box 262 / 1429 W Lynchburg Salem Turnpike
City Bedford State VA Zip Code 24523

Contact Name Jonathan Jackson
E-mail Address jws@jwscommunications.net
Telephone Number (540) 586 - 3687
Emergency Telephone Number (540) 537 - 2692
Fax Number (540) 586 - 5716

Permit Term Requested _____ Fees Enclosed $ _____ Check Number _____ Money Order _____

Estimated cost of work to be performed on VDOT Right of Way $_____

Surety Information:

Surety Posted by: ☐ Owner ☑ Agent ☐ County Resolution ☐ Waived Amount of Surety $ 15,000.00 Obligation Amount $_____

Bonding Company Name Cincinnati Insurance Co.

Irrevocable Letter of Credit - Bank Name _____

Surety paid by Check - Check Number _____

Request permission to perform the following activity(s): Place fiber optics cable by means of directional boring from 316 Court St to the high school, the technology center, the elementary school, and the public works building.

as per attached plans.

Location: ☑ County ☐ Town ☐ City of Appomattox Route No. _____ Street Name _____

Between Route No. _____ Street Name _____ and Route No. _____ Street Name _____

Latitude _____ Longitude _____ Tax Map Number _____ Applicant Job No. _____

Applicant shall provide proof of registration as an operator with the appropriate notification center in accordance as defined in §2.2-1151.1 of the Code of Virginia & must provide a notarized affidavit, stating that the utility owner has notified the commercial and residential developer, owner of commercial or multifamily real estate, or local government entities with a property interest in any parcel of land located adjacent to the property over which the land use is being requested, that application for the permit has been made.

☐ **IF APPLICABLE, I AGREE TO PAY THE FULL SALARY AND EXPENSES OF A STATE ASSIGNED INSPECTOR IN CONJUNCTION WITH ACTIVITIES AUTHORIZED UNDER THE AUSPICES OF A VDOT LAND USE PERMIT.**

I the undersigned hereby acknowledge that I am fully cognizant of all of the following attached requirements associated with the issuance of a VDOT Land Use Permit:

Signature of Applicant: _____ Title Director Date 9/7/16

Signature of Agent: _____ Title Owner Date 8/23/16

All applicable items on this form must be completed to avoid delay in processing the issuance of a VDOT Land Use Permit.
Prepayment required with remittance payable to Virginia Department of Transportation.

VDOT USE ONLY

Receipt is hereby acknowledged for: CHECK No.: _____ MONEY ORDER No.: _____

In the Amount of $ _____ for PERMIT FEE $ _____ CASH SURETY $ _____

Authorized VDOT Signature: _____ Date: _____

*Agent mean: Applicant contractor's or a person or business authorized to act on another's behalf.

Land Use Permit
LUP-SPG
Special Provisions General
Permittee Agreement for Land Use Permit Issuance

Any of the following provisions that may apply, shall apply:

General Requirements

1) Permittee acceptance and use of a Virginia Department of Transportation (VDOT) land use permit is prima facie evidence that the permittee has read and is fully cognizant of all required permit provisions, applicable traffic control plans and associated construction standards to be employed. All applicants to whom permits are issued shall at all times indemnify and save harmless the Commonwealth Transportation Board, members of the Board, the Commonwealth, and all Commonwealth employees, agents, and officers, from responsibility, damage, or liability arising from the exercise of the privileges granted in such permit to the extent allowed by law including any sums ordered to be paid or expended by VDOT by any governmental entity as a fine, penalty or damages for any violation of any applicable environmental law, or to remediate any hazardous or other material, including illicit discharge into VDOT maintained storm sewer systems.

2) The permittee assumes full responsibility for any and all (downstream flooding, erosion, siltation, etc.) damages that may occur as a result of the work performed under this permit. Furthermore, the Department will in no way be responsible for any damage to the facility being placed as a result of future maintenance or construction activities performed by the Department.

3) The permittee agrees to move, remove, alter, or change any installation that interferes with the ultimate construction of the highway in alignment or grade at no cost to the Department unless otherwise stipulated and agreed to by the Department.

4) The permittee shall immediately correct any situation that may arise as a result of these activities that the district administrator's designee deems hazardous to the traveling public.

5) Any and all highway signs, right-of-way markers, etc., disturbed as a result of work performed under the auspices of a land use permit shall be accurately reset by the permittee immediately following the work in the vicinity of the disturbed facility. The services of a certified land surveyor with experience in route surveying may be required.

6) It shall be the permittee's responsibility to obtain any and all necessary permits that may be required by any other government agencies, i.e., U.S. Army Corp. of Engineers, Department of Environmental Quality, Department of Conservation and Recreation, etc.

7) A copy of the VDOT land use permit shall be maintained at the work site and made readily available for inspection when requested by authorized VDOT personnel.

8) The permittee shall notify the local district permit office at least 48 hours prior to commencement of any work requiring inspection and/or testing as stipulated in VDOT's Road and Bridge Standards (current edition) and VDOT's Road and Bridge Specifications (current edition). Failure to carry out this requirement may result in permit revocation.

9) The permittee or their agent must contact the VDOT Customer Service Center at 1-800-367-7623 a minimum of 48 hours prior to initiating any planned excavation within 1,000 feet of a signalized intersection and/or near VDOT ITS infrastructure. Excavation activities may proceed only after the VDOT regional utility location agent has notified the permittee that the utility marking has been completed. Additional information can be found at:
http://www.virginiadot.org/business/resources/IIM/TE-383_Request_for_Marking_VDOT_Utility_Location.pdf

   Alternately, within all localities in the Northern Virginia Construction District, including the Counties of Arlington, Fairfax, Loudoun & Prince William, the Cities of Alexandria, Fairfax, Falls Church, Manassas and Manassas Park, and the Towns of Clifton, Dumfries, Hamilton, Haymarket, Herndon, Hillsboro, Leesburg, Lovettsville, Middleburg, Occoquan, Purcellville, Quantico, Round Hill and Vienna, and on Interstate 95 in the counties of Stafford, Spotsylvania and Caroline, the permittee may request VDOT regional utility marking at: **http://www.vdotutilitymarking.virginia.gov**

Failure to carry out this requirement may result in permit revocation.

10) The permittee shall to notify "Miss Utility" (or each operator of an underground utility where no notification center exists) of any planned excavation within state maintained right-of-way. This notification must be provided at least 48 hours (excluding weekends and holidays) in advance of commencing with any planned excavation within state maintained right-of-way. Failure to carry out this requirement may result in permit revocation.

11) It is the duty of the district administrator's designee to keep all roads maintained in a safe and travelable condition at all times. Therefore, any permit may be denied, revoked or suspended when in the opinion of the district administrator's designee, the safety, use or maintenance of the highway so requires.

12) The permittee shall at all times give strict attention to the safety and rights of the traveling public, their employees and themselves. VDOT reserves the right to stop work at any time due to safety problems and/or non-compliance with the terms of the permit. The Department may, at its discretion, complete any of the work covered in the permit or restore the right-of-way to the department's standards and invoice the permittee for the actual cost of such work. The permittee may be required to move, alter, change or remove from state maintained right-of-way, in a satisfactory manner, any installation made under this permit.

13) All work authorized under the auspices of a VDOT land use permit shall be subject to VDOT's direction and be in accordance with VDOT's Road and Bridge Standards (current edition) and VDOT's Road and Bridge Specifications (current edition).

14) Design changes, specified material changes and/or field changes from the approved plans shall be submitted to the appropriate district administrator's designee for review and approval prior to proceeding with the proposed changes. This submittal shall include written justification, supplemental documentation and/or engineering calculations that support the requested changes.

15) The permittee shall meet or exceed the existing pavement design and typical section when constructing pavement widening adjacent to an existing state maintained roadway. The proposed pavement design and typical section shall be approved by the district administrator's designee prior to commencing with any work within state maintained right-of-way. All pavement widening shall be in accordance with VDOT's Road and Bridge Standard 303.02.

16) Within the limits of a VDOT construction project it is the responsibility of the permit applicant to obtain the contractor's consent in writing prior to permit issuance. Information regarding current and/or planned VDOT construction and maintenance activities can be obtained at: **http://www.virginiaroads.org/**.

Insurance Requirements (excluding County, Town or City)

The permittee or their agent shall secure and maintain insurance to protect against liability for personal injury and property damage that may arise from the activities performed under the authority of a land use permit and from the operation of the permitted activity up to one million dollars ($ 1,000,000) each occurrence to protect the Board members and the Department's agents or employees; seventy-five thousand dollars ($75,000) each occurrence to protect the Board, the Department, or the Commonwealth in event of suit. Insurance must be obtained prior to start of the permitted work and shall remain valid through the permit completion date. VDOT staff may require a valid certificate or letter of insurance from the issuing insurance agent or agency prior to issuing the land use permit.

Traffic Control and Safety

1) The permittee shall at all times give strict attention to the safety and rights of the traveling public, their employees, and contractors. Any permit may be revoked or suspended when in the opinion of the district administrator's designee, the safety, use or maintenance of the highway so requires.

2) In accordance with the Virginia Department of Transportation (VDOT) Road and Bridge Specification, Special Provision 105.14, all activities performed under the auspices of a VDOT Land Use Permit involving the installation, maintenance and removal of work zone traffic control devices must have an individual on-site who, at a minimum, is accredited by VDOT in Basic Work Zone Traffic Control. The accredited person must have their VDOT Work Zone Traffic Control accreditation card in their possession while on-site.

3) The individual accredited in Basic Work Zone Traffic Control is responsible for the placement, maintenance and removal of work zone traffic control devices within the project limits in compliance with the permit requirements and conditions, the approved plans and specifications, the Virginia Work Area Protection Manual, and the Manual of Uniform Traffic Control Devices.

4) A person accredited by VDOT in Intermediate Work Zone Traffic Control must be on-site to provide supervision for adjustment to the approved layout of any standard Typical Traffic Control (TTC) layouts outlined in the Virginia Work Area Protection Manual.

5) All traffic control plans shall be prepared by a person verified by VDOT in Advanced Work Zone Traffic Control.

6) Individuals responsible for implementation of work zone traffic control measures shall provide evidence of their accreditation upon request from VDOT personnel.

7) The permittee shall be exempt from the requirements of Virginia Department of Transportation (VDOT) Road and Bridge Specification, Special Provision 105.14 if the authorized activity is not within the roadway (as defined in 24VAC30-151) of a state maintained highway.

8) Non-compliance with the requirements outlined in VDOT Road and Bridge Specification, Special Provision 105.14 may result in a stop work order and / or permit revocation.

9) All activities that require the disruption (stoppage) of traffic shall utilize VDOT certified flaggers. Flag persons shall be provided in sufficient number and locations as necessary for control and protection of vehicular and pedestrian traffic in accordance with the Virginia Work Area Protection Manual. All flaggers must have their certification card in their possession when performing flagging operations within state maintained right-of-way. Any flag person found not in possession of his/her certification card shall be removed from the flagging site and the district administrator's designee will suspend all permitted activities.

10) Any VDOT certified flag person found to be performing their duties improperly shall have their certification revoked.

11) All signs shall be in accordance with the current edition of the Manual of Uniform Traffic Control Devices (MUTCD).

12) The permittee shall immediately correct any situation that may arise as a result of these activities that the district administrator's designee deems hazardous to the traveling public.

13) During authorized activities, the permittee shall furnish all necessary signs, flag persons and other devices to provide for the protection of traffic and workers in accordance with the Virginia Work Area Protection Manual or as directed by the district administrator's designee.

14) Traffic shall not be blocked or detoured without permission, documented in writing or electronic communication, being granted by the district administrator's designee.

15) All lane or shoulder closures on highways in the Northern Virginia construction district classified as arterial or collector routes must be authorized, documented in writing or by electronic communication by the VDOT Transportation Operations Center (NRO/TOC).

16) The permittee shall notify the following appropriate VDOT Transportation Operations Center (TOC) 30 minutes prior to the installation of a lane closure or shoulder closure on non-limited access primary routes and within 30 minutes of removing the lane or shoulder closure:

- Eastern Region (757) 424-9920: All localities within the Hampton Roads construction district excluding Greenville County and Sussex County
- Northern Virginia (703) 877-3401: All localities within the NOVA construction district including Spotsylvania County and Stafford County
- Central Region (804) 796-4520: All localities within the Richmond construction district including Greenville County and Sussex County. All localities within the Fredericksburg district excluding Spotsylvania County and Stafford County
- SW Region (540) 375-0170: All localities within the Salem, Bristol, and Lynchburg construction districts
- NW Region (540) 332-9500: All localities within the Staunton and Culpeper construction districts

VIRGINIA WORK ZONE TRAFFIC CONTROL TRAINING OPTIONS

The following three options are available to receive Work Zone Traffic Control (WZTC) training based on an individual's job duties and responsibilities as required by the FHWA Final Rule on Work Zone Safety and Mobility and the Virginia Department of Transportation:

OPTION 1 – Have someone trained to become a qualified instructor in your company who can then instruct others , utilizing training material provided by VDOT. The following qualifications must be met in order to teach the VDOT Basic, Intermediate, or Advanced WZTC training courses:

- **Basic** – Be flagger certified either by VDOT or by the American Traffic Safety Services Association (ATSSA); possess two years of practical experience in Highway Design, Construction, Maintenance, or Traffic Operations; possess two years of documented experience in conducting training courses; and successfully complete the VDOT WZTC Intermediate or Advanced course or complete the ATSSA Virginia Intermediate/Traffic Control Supervisor (TCS) course.

- **Intermediate** - Be flagger certified either by VDOT or by ATSSA; possess two years of practical experience in Highway Design, Construction, Maintenance, or Traffic Operations; possess two years of documented experience in conducting training courses; complete and possess the ATSSA Virginia Intermediate/TCS certification.

- **Advanced** - Be flagger certified either by VDOT or by ATSSA; possess two years of practical experience in Highway Design, Construction, Maintenance, or Traffic Operations; possess two years of documented experience in conducting training courses; complete and possess the ATSSA Virginia Advanced Traffic Control Design Specialist (TCDS) certification or ATSSA Virginia Intermediate TCS certification.

To become an approved instructor, an application must be completed listing the above qualifications and sent to the chairman of VDOT's WZST committee at the following location:
http://www.virginiadot.org/business/resources/wztc/wztc_inst_app_form.pdf

Once a person has become an approved instructor, training material can be obtained from VDOT using the order form obtained from the following location (requires an approved instructor identification number):
http://www.virginiadot.org/business/resources/wztc/WZTC_order_form.pdf

OPTION 2 – Obtain the services of an approved instructor from VDOT's Approved WZTC Instructor List to teach the course or courses you need for your employees.

The Approved WZTC Instructor's List can be obtained at the following location:
http://www.virginiadot.org/business/resources/wztc/Approved_WZTC_Instructors.pdf

A list of Approved Providers of training can be obtained at the following location:
http://www.virginiadot.org/business/resources/wztc/wztc_training_sponsors.pdf

OPTION 3 – Send personnel to classes conducted by approved sources such as ATSSA Virginia or the Virginia Local Technical Assistance Program (LTAP).

Courses by ATSSA Virginia can be found at the following location:
http://atssa.com/cs/course_information/courses_by_state?state=56

Courses by the Virginia LTAP can be found at the following location:
http://ltap.cts.virginia.edu/2%20Page%20Calendar%20June%20-%20Sept%2009.pdf

Basic WZTC courses by the Virginia Rural Water Association can be found at the following location:
http://www.vrwa.org/ (See Training Schedule)

Training by the Virginia Transportation Construction Alliance (VTCA) can be found at the following location: **http://vtca.org/**

Visit the following site for additional information regarding Virginia's Work Zone Traffic Control training program:
http://www.virginiadot.org/business/trafficeng-WZS.asp

Authorized Hours and Days of Work

Normal hours for work under the authority of a VDOT land use permit are from 9:00 a.m. to 3:30 p.m. for all highways classified as arterial or collector. All highways classified as local roads will have unrestricted work hours and days.

The district administrator's designee may establish alternate time restrictions in normal working hours for single use permits.

The central office permit manager may establish alternate time restrictions in normal working hours for district-wide permits.

The classifications for all state maintained highways can be found at the following link:
http://www.virginiadot.org/projects/fxn_class/maps.asp

Emergency Repair

In the event of an emergency situation that requires immediate action to protect persons or property, work may proceed within the right-of-way without authorization from the district administrator's designee; however, the utility owner must contact the VDOT Emergency Operations Center as soon as reasonably possible but no later than 48 hours after the end of the emergency situation.

The utility owner must apply for a separate land use permit from the local district permit office for any emergency work performed on state maintained right-of-way when the following actions are proposed:

- Stopping or impeding highway travel in excess of 15 minutes, or,
- Accessing facilities within limited access right-of-way, or,
- Cutting the highway pavement or shoulders.

The district administrator's designee shall determine the applicable permit fee for emergency repair permits.

Holiday Restrictions

Permitted non-emergency work will not be allowed on arterial and collector highway classifications from noon on the preceding weekday through the following state observed holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. If the observed holiday falls on a Monday, the permit will not be valid from noon on the preceding Friday through noon on Tuesday.

Excavation

All excavation within state maintained rights-of-way shall comply with OSHA Technical Manual, Chapter 2, Title Excavation: Hazard Recognition in Trenching and Shoring. A professional engineer shall certify all shoring and/or trench boxes.

No excavated material is to be placed or tracked on the pavement without written permission from the District Administrator's designee. When so authorized, the pavement shall be satisfactorily cleaned by a VDOT approved method. No cleated (track-mounted) equipment is to be used on the pavement without properly protecting the pavement from damage.

Inspection and Restoration

1) Inspection and testing of all backfill and pavement sections shall be performed in accordance with all applicable sections of VDOT's Road and Bridge Specifications (current edition).

2) If during or before construction it is deemed necessary for the local district permit office to assign an inspector to the project, the permittee shall pay the Department an additional inspection fee in an amount that will cover the salary, expense allowance, and mileage allowance for the inspection(s) assigned by the Department for handling work covered by this permit. Said inspection fee shall be paid promptly each month on invoices rendered by the Department.

3) It shall be the decision of the district administrator's designee whether to assign an inspector to monitor the placement of all backfill and pavement restoration activities.

4) The absence of a VDOT inspector does not in any way relieve the permittee of their responsibility to perform the work in accordance with the approved plans, provisions of the attached permit, VDOT's Road and Bridge Standards (current edition) and VDOT's Road and Bridge Specifications (current edition).

5) The permittee shall be responsible for any settlement of all backfill or pavement restoration necessitated by authorized excavation activities for a period of two (2) years after the completion date of permit, and for the continuing maintenance of the facilities placed within the highway right-of-way. A one (1) year restoration warranty period may be considered, provided the permittee adheres to the following criteria:

   - The permittee retains the services of a professional engineer (or certified technician under the direction of the professional engineer) to observe the placement of all backfill and pavement restoration.
   - The professional engineer (or certified technician under the direction of the professional engineer) performs any required inspection and testing in accordance with all applicable sections of VDOT's Road and Bridge Specifications.
   - The professional engineer submits all testing reports for review and approval, and provides written certification that all restoration procedures have been completed in accordance with all applicable sections of VDOT's Road and Bridge Specifications prior to completion of the work authorized by the permit.

6) Whenever existing pavement is permitted to be cut, not over one-half of the roadway width shall be disturbed at one time and the first open cut trench section shall be satisfactorily restored to allow for the passage of traffic prior to the second half of the roadway surface can be disturbed.

7) All crossing of existing pavement shall be bored, pushed or jacked an appropriate distance from the edge-of-pavement so as not to impede the normal flow of traffic or damage the existing pavement section. Existing pavement shall not be cut unless approved by the district administrator's designee and then only if justifiable circumstances prevail or proof is shown that a thorough attempt has been made to push, bore or jack.

8) Authorized daily trench excavation within pavement sections shall not exceed 500 feet in length.

9) Pavement restoration shall be in accordance with the attached VDOT LUP-OC Pavement Open Cut Special Provisions.

10) Where the pavement is disturbed or deemed weakened in its entirety or such portions as deemed desirable by the Department, the pavement shall be restored or replaced in a manner that is satisfactory to the district administrator's designee.

Environmental

1) In accordance with the Virginia Department of Transportation (VDOT) Road and Bridge Specification §107.16, all contractors performing regulated land disturbing activities within VDOT right-of-way must have at least one (1) employee that has successfully completed the VDOT Erosion & Sediment Control Contractor Certification training. This person shall be on site during all land disturbance activities and will be responsible for insuring compliance with all applicable local, state and federal erosion and sediment control regulations during land disturbance activities. This person must have their certification card with them while on the project site. The land use permit will be suspended if proof of certification cannot be provided. Regulated land disturbing activities are defined as those activities that disturb 2,500 square feet or greater in Tidewater, Virginia or 10,000 square feet or greater in all other areas of the State. The Department will require evidence of this certification with any land use permit application that involves utility and/or commercial right of way improvement. Improper installation, maintenance and removal of erosion and sediment control devices may result in revocation of VDOT Erosion & Sediment Control Contractor Certification.

2) The permittee is responsible for pursuing and obtaining any and all environmental permits which may be required to pursue the proposed activity prior to any work beginning within state maintained right-of-way.

3) In the event hazardous materials or underground storage tanks are encountered within state maintained right-of-way during authorized activities, the permittee shall suspend all work immediately then notify the local district permit office and other responsible parties, i.e., the local fire department, emergency services, Department of Environmental Quality, etc. The permittee is responsible for coordination and completion of all required remediation necessary to complete the permitted activities within the state maintained right-of-way. The permittee shall provide evidence of such compliance to the local district permit office prior to recommencement of permitted activities.

4) In the event cultural resources, archaeological, paleontological, and/or rare minerals are encountered within the right of way during authorized activities, the permittee shall suspend all work immediately then notify the local district permit office and the proper state authority charged with the responsibility for investigation and evaluation of such finds. The permittee will meet all necessary requirements for resolving any conflicts prior to continuing with the proposed activities within the state maintained right-of-way, and shall provide evidence of such compliance to the local district permit office.

5) Roadway drainage shall not be blocked or diverted. The shoulders, ditches, roadside, drainage facilities and pavement shall be kept in an operable condition satisfactory to the Department. Necessary precautions shall be taken by the permittee to insure against siltation of adjacent properties, streams, etc., in accordance with VDOT's current standards or as prescribed by the Department's Environmental Manual and the district administrator's designee.

Entrances

1. Plans for the proposed installation of entrance(s) to state maintained highway right-of-way shall be designed in accordance with the current edition of VDOT's Road and Bridge Standards, VDOT's Road and Bridge Specifications and per VDOT *Road Design Manual*, Appendix F located at **http://www.extranet.vdot.state.va.us/locdes/Electronic_Pubs/2005%20RDM/AppendF.pdf.**

2. VDOT's authority to regulate highway entrances is provided in §, §**33.2-240**, and §**33.2-241** of the Code of Virginia and its authority to make regulations concerning the use of highways generally is provided in §**33.2-210** of the Code of Virginia. Regulations regarding entrances are set forth in VDOT's regulations promulgated pursuant to §**33.2-245** of the Code of Virginia.

3. The permittee shall be responsible for the design and installation of a private entrance under the auspices of a VDOT land use permit however the permittee may request that VDOT forces install the private entrance at the permittee's expense.

4. Street connections, private entrances, and construction entrances shall be kept in satisfactory condition during all activities authorized under the auspices of a VDOT land use permit. Entrances shall not be blocked. Ample provisions must be made to provide safe ingress and egress to adjacent properties at all times. Entrances that are disturbed shall be restored to the satisfaction of the property owner and the district administrator's designee.

Utilities

1) Prior to any excavation, the permittee shall comply with the terms of **Title 56, Chapter 10.3** of the Underground Utility Damage Prevention Act and §**56-265.14** through §**56-265.20** of the Code of Virginia. This permit does not grant permission to grade on or near property of others, or, adjust or disturb in anyway existing utility poles or underground facilities within the permitted area. Permission to do so must be obtained from the impacted utility company and any expense involved shall be borne by the permittee. Any conflicts with existing utility facilities must be resolved between the permittee and the utility owner(s) involved.

2) All underground utility installations within limited access right-of-way shall have a minimum of 36 inches of cover. All underground utilities within non-limited access right-of-way will require a minimum of 36 inches of cover, except underground cables that provide telecommunications service shall be at a minimum of 30 inches of cover.

3) Where feasible, all aboveground installations (such as fire hydrants, telephone pedestals, markers, etc.) shall be located adjacent to the outside edge of the right-of-way line and in accordance with minimum clear zone requirements. All manhole covers, valve box, etc., shall be installed two inches below existing ground line and shall conform to existing contours.

4) No poles, guys, anchors, etc., are to be placed on state maintained right-of-way unless authorized under the auspices of a VDOT land use permit. At no time will any such facilities be allowed between the ditch line and the traveled roadway.

5) All overhead installations crossing non-limited access highways shall provide a minimum of 18 feet of vertical clearance or at a minimum height as established by the National Electric Safety Code, whichever is greater. All overhead utility installations within limited access right-of-way shall maintain a minimum of 21 feet of vertical clearance. The vertical clearance for all new overhead parallel installations within non-limited access rights-of-way shall be in compliance with standards as specified in the National Electric Safety Code.

Final Inspection and Completion of Permit

Upon completion of the work covered by this permit all disturbed areas outside of the roadway prism shall be restored to their original condition as found prior to starting such work.

Completion of this permit is contingent upon the permittee's completion of the authorized work in accordance with the approved plan and compliance with all governing bodies involved in the total completion of work on state maintained right-of-way.

Upon completion of the work under permit, the permittee shall provide notification, documented in writing or electronic communication, to the district administrator's designee requesting final inspection. This request shall include the permit number, county name, route number and name of the party or parties to whom the permit was issued.

The district administrator's designee shall promptly schedule an inspection of the work covered under the permit and advise the permittee of any necessary corrections.

Permit Revocation

At the discretion of the district administrator's designee, a land use permit may be revoked upon written finding that the permittee was not in compliance with all requirements contained herein and/or violated the terms of the permit, or any state and local laws and ordinances regulating activities within the right-of-way.

The district administrator's designee shall promptly schedule an inspection of the work covered under the permit and advise the permittee of any necessary corrections

Permittee Notice

The preceding provisions are intentionally condensed in format and should not be loosely interpreted by the permittee without consultation with the central office permit manager and affirmation from the **Land Use Permit Regulations.**

VDOT Virginia Department of Transportation

LAND USE PERMIT
LUP-OC
Open-Cut Pavement Restoration Requirements

Any of the following provisions that may apply, shall apply:

1. The permittee shall be responsible for the restoration of pavement on state maintained highways in accordance with all applicable sections of the VDOT Road and Bridge Specifications, VDOT Road and Bridge Standards and this document.

2. Whenever existing pavement is permitted to be cut, not over one-half of the roadway width shall be disturbed at one time and the first open cut trench section shall be satisfactorily restored to allow for the passage of traffic prior to the second half of the roadway surface can be disturbed.

3. All trench backfill material shall be Select Material Type I having a minimum CBR of 30 and free from any wood, decaying material, asphalt, concrete, ice, frost, large clods, stone or debris.

4. Trench backfill material shall be compacted to a minimum of 95% of the theoretical maximum density at optimum moisture content, as determine by VDOT testing procedures (VTM1), using mechanical tamping throughout the depth of the trench in 6-inch lifts to ensure that the adequate support is provided for the aggregate sub-base layer is adequately supported.

5. For roadways with a bituminous concrete asphalt pavement section the compacted trench backfill shall be capped with 10 inches (10") of Type I, Size 21-A or 21-B aggregate compacted to 100% of the theoretical maximum density at optimum moisture content covering the entire trench width and a minimum six inch (6") bench on each side of the excavated trench or as determined by the district administrator's designee.

6. A bituminous concrete asphalt base course (BM-25) having a minimum thickness of six inches (6"), or matching the existing base course thickness, shall be placed over the benched aggregate sub-base to the bottom elevation of the existing asphalt concrete surface course.

7. All sides of the excavated trench shall be saw-cut trimmed to neat straight lines and a tack coat of RC-250 liquid asphalt applied at a rate of 0.1 gallon per square yard (or as determined by the district administrator's designee) prior to placing the bituminous concrete asphalt base course (BM-25.0) and/or replacement of the bituminous concrete asphalt surface course (SM-9.5A or SM-9.5D).

8. The existing pavement surface course adjacent to the excavated trench shall be milled and repaved with bituminous concrete asphalt (SM-9.5A or SM-9.5D) having of a minimum thickness of 1-1/2 inches (1.5"). This operation shall cover the entire trench width and extend 12 inches (12") beyond the edge of the trench on longitudinal open cuts and 25 feet (25') beyond the trench centerline on perpendicular open cuts, or as determined by the district administrator's designee.

9. Open cuts in surface treated roadway sections with an aggregate base course shall be replaced with the same layer(s) as roadway sections with a bituminous concrete asphalt pavement structure except the sub-base layer (Type I, Size 21-A or 21-B) may be reduced to six inches (6") and the bituminous concrete asphalt base layer (BM-25.0) may be reduced to four inches (4") while maintaining the required six inch (6") bench on both sides of the excavated trench. The surface course restoration material and thickness shall match the existing surface.

10. Replacement of all bituminous concrete asphalt and surface treated courses shall be rolled with equipment having a manufacturer's rating of ten (10) tons until the aggregate is keyed into the bitumen. Where rolling is not possible, a mechanical tamper shall be utilized.

11. Full depth aggregate stone may be placed in the trench daily up to maximum length of 500 feet, at which time either temporary or permanent pavement restoration procedures must be implemented.

12. Should the application of the bituminous concrete asphalt surface course be delayed due to adverse weather conditions, the contractor shall provide and maintain a temporary pavement section that is acceptable to the district administrator's designee until such time as the appropriate permanent pavement restoration can be achieved.

13. The permittee shall be responsible for any settlement in the backfill or pavement for a period of two (2) years after the completion date of permit and for the continuing maintenance of the facilities placed within the highway right-of-way.

14. A one-year restoration warranty period may be considered, provided the permittee adheres to the following criteria:

    - The permittee retains the services of a professional engineer (or certified technician under the direction of the professional engineer) to observe the placement of all fill embankments, pavement, and storm sewer and utility trench backfill.
    - The professional engineer (or certified technician under the direction of the professional engineer) performs any required inspection and testing in accordance with all applicable sections of VDOT's Road and Bridge Specifications.
    - The professional engineer submits all testing reports for review and approval, and provides written certification that all restoration procedures have been completed in accordance with all applicable sections of VDOT's Road and Bridge Specifications prior to completion of the work authorized by the permit.

15. The district administrator's designee may request and review the backfill compaction test results and/or authorize an inspector to monitor the trench backfill and compaction operations.

16. The use of steel plates to provide a temporary riding surface will not be allowed between November 1 and April 1. The use of steel plates between April 2 and October 31 shall be in accordance with VDOT standards and specifications.

17. Traffic shall be maintained at all times in accordance with the Virginia Work Area Protection Manual and a VDOT approved Maintenance of Traffic (MOT) plan.

18. The permittee shall notify the district administrator's designee a minimum of 72 hours prior to initiating any pavement open cutting operations.

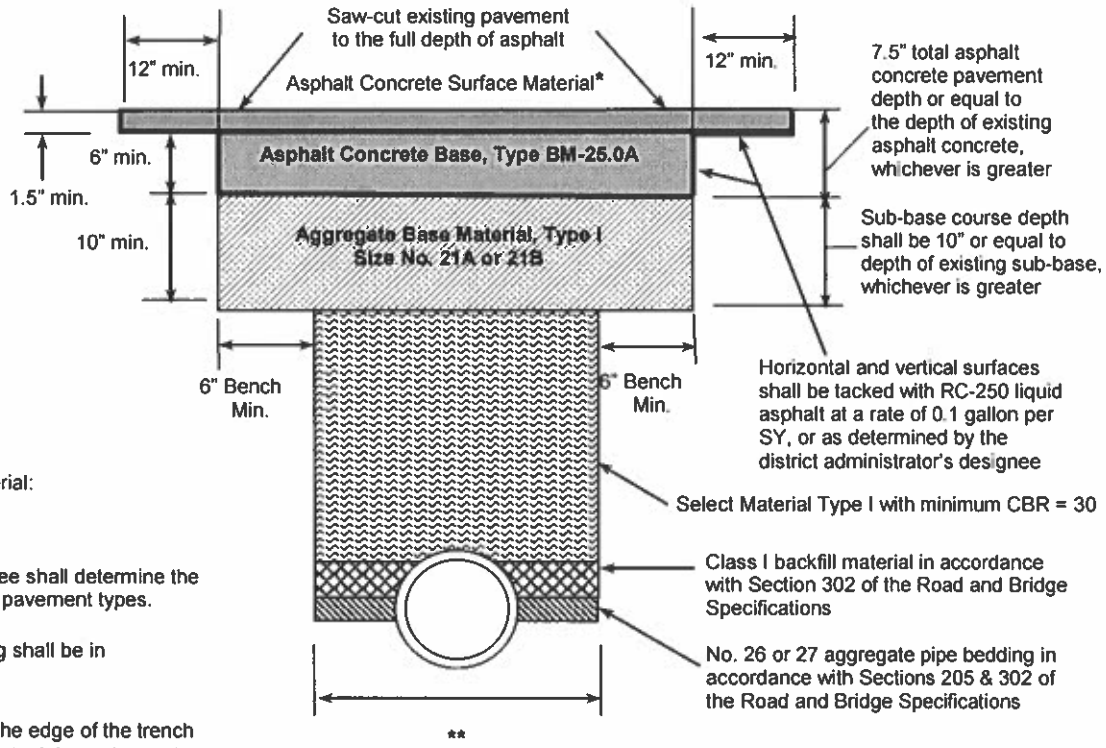
19. The trench to be backfilled shall be made as dry as practicable at the time of backfilling by pumping, bailing, draining, or other approved dewatering method.

20. All asphalt pavement restoration activities shall be in accordance with the Asphalt Pavement Restoration Detail for Open Cut Utility Installations contained herein.

VDOT Virginia Department of Transportation

LAND USE PERMIT
LUP-OC
Open-Cut Pavement Restoration Requirements

Asphalt Pavement Restoration Detail for Open Cut Utility Installations


Saw-cut existing pavement to the full depth of asphalt
12" min.
12" min.
Asphalt Concrete Surface Material*
7.5" total asphalt concrete pavement depth or equal to the depth of existing asphalt concrete, whichever is greater
6" min.
1.5" min.
Asphalt Concrete Base, Type BM-25.0A
10" min.
Aggregate Base Material, Type I Size No. 21A or 21B
Sub-base course depth shall be 10" or equal to depth of existing sub-base, whichever is greater
6" Bench Min.
6" Bench Min.
Horizontal and vertical surfaces shall be tacked with RC-250 liquid asphalt at a rate of 0.1 gallon per SY, or as determined by the district administrator's designee
Select Material Type I with minimum CBR = 30
Class I backfill material in accordance with Section 302 of the Road and Bridge Specifications
No. 26 or 27 aggregate pipe bedding in accordance with Sections 205 & 302 of the Road and Bridge Specifications
**

NOTES:

* Asphalt Concrete Surface Material:
SM-9.5A for ADT < 10,000
SM-9.5D for ADT > 10,000

The district administrator's designee shall determine the restoration requirements for other pavement types.

** Trench width and pipe bedding shall be in accordance with VDOT Std. PB-1

*** 12 inches minimum beyond the edge of the trench on longitudinal open cuts, or 25 feet minimum beyond the trench centerline on perpendicular open cuts, or as determined by the district administrator's designee.

Date: August 27, 2014

VDOT Virginia Department of Transportation

2010 Land Use Permit Regulations 6746327
LUP-SB
Surety Bond
August 26, 2014

COPY

BE KNOWN THAT WE JWS Communications, Inc. as Principal, and The Cincinnati Insurance Company, a corporation duly incorporated under the Laws of the State of Ohio, as Surety, are held and firmly bound unto the Commonwealth of Virginia in the full and just sum of Fifteen Thousand and No/100 U.S. Dollars ($15,000.00), to be paid to the Commonwealth of Virginia to the payment whereof we hereby bind ourselves and our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents, sealed and dated this 1st day of September (month), 20 16 (year).

WHEREAS, The said Principal hereunder has been or will be granted permit(s) authorizing one or more of the following activities;(A) to move house property upon public highways of Virginia (B) to cut surface of the highways of Virginia, or to tunnel under such highways; (C) to install and/or erect and maintain telephone, electric power lines, water, sewer, gas or other utilities on, under or over such highways, bridges or tunnels;(D) to install an entrance or tie-in into a public roadway and/or grading upon the Right -of- way; or (E) for the following purposes: Explain below exact purpose(s) for which surety coverage is being obtained:

Installation of Fiber Optic Cable

Work to be performed in the county, city or town of: Appomattox County High School, Tech Center, Elementary School, Public Works Office & School Board Office

THEREFORE, The conditions of this obligation are such that if the said Principal shall in all respects comply with the terms and conditions of said permit(s), and fully meet and perform obligations thereunder in accordance with requirements for permits as set forth in the Land Use Permit Manual in effect at time of permit issuance, and shall satisfactorily complete the work permitted, and shall indemnify and save harmless the Commonwealth of Virginia against and from all loss, cost, expense damage or injury to highways and bridges and to persons and property lawfully on such highways, growing out of the granting of such permit(s) to said Principal, then this obligation be void, otherwise to be and remain in full force and virtue.

NOW, THEREFORE, It is expressly understood that this Bond may be canceled by the Surety at the expiration of sixty (60) days from the date which the Surety shall have lodged with the Commonwealth Transportation Commissioner or his designees written notice to so cancel. This provision, however, shall not operate to relieve, release or discharge the Surety from any liability already accrued, or which shall accrue, on permits issued before the expiration of the sixty-day period. **Bonds securing performance on specified active permit(s) may be canceled only upon satisfactory completion of permit(s), as determined by the Department Engineer.** NOTE: Continuous Bond cannot be canceled unless facilities covered by the permit have been removed from the Right -of-way, or the principal has arranged for replacement surety protection. **ALL permit work covered under section (C) above shall be covered by a bond at all times.**

Said principal and surety, being properly authorized, have caused these presents to be executed and their seals affixed the day and year first above written.

Surety name The Cincinnati Insurance Company	Principal name JWS Communications, Inc.
Bond number 6746327	TAX ID # or DMV ID # 54-2003663
Address 6200 S GILMORE RD	Address 1429 W LYNCHBURG SALEM TPKE
City FAIRFIELD State OH ZIP 45014-5141	City BEDFORD State VA ZIP 24523-3956
Contact person Egbert, Cameron	Contact person Jon Jackson
Telephone number 513-870-2000	Telephone number 540-537-2692
Attorney-in-Fact Name Donna M. Smith	Signature
Signature Donna M. Smith	

POWER OF ATTORNEY AUTHORIZATION TO BE ATTACHED
Acknowledgement of Principal

Attorney-In-Fact
(Seal)

STATE OF _____ COUNTY / TOWN / CITY OF _____

I, the undersigned, a Notary Public in and for the County / Town / City aforesaid, in the State aforesaid, do certify that, _____ whose name as Principal is signed to the foregoing writing bearing date this _____ day of _____ (month), 20 ___ (year), personally appeared before me and acknowledged the same.

Given under my hand this _____ day of _____ (month), 20____ (year)

My Commission expires: _____

_____
Notary Public

Affidavit and Acknowledgement of Surety

STATE OF Virginia COUNTY/TOWN/CITY OF Lynchburg

I, the undersigned, a Notary Public in and for the County/Town/City aforesaid, in the State aforesaid, do certify that, Donna M Smith (Name of Attorney in Fact) personally appeared before me and made oath that he is Attorney-in-Fact (Title) of the The Cincinnati Insurance Company (Name of Surety), that he is duly authorized to execute the foregoing bond by virtue of a certain power of attorney of said company; that said power of attorney has not been revoked; that the said company has complied with all the requirements of law regulating the admission of such companies to transact business in the State of Virginia; that the said company holds the certificate of the Commissioner of Insurance authorizing it to do business in the State of Virginia; that it has a paid-up cash capital of not less than $250,000; that the paid-up capital plus the surplus and undivided profits of said company is $ 4,412,431,473.00 ; that the penalty of the foregoing bond is not in excess of ten percentum of said sum; that the said company is not by said bond incurring in the aggregate, on behalf or on account of the principal names in said bond, a liability for an amount larger than one-tenth of its paid-up capital, plus its surplus and undivided profits; that the said company is solvent and fully able to meet promptly all its obligations, and the said Donna M Smith (Attorney in fact name) thereupon, in the name and on behalf of the said company, acknowledged the foregoing writing as its act and deed.

Given under my hand this 1st day of September (month), 20 16 (year)

My Commission expires: March 31, 2018

COMMONWEALTH OF VIRGINIA
FREDA K. AMOS
REGISTRATION NO. 205483

Notary Public Freda K. Amos
Registration No. 205483

Original to be filed with the Virginia Department of Transportation
Request for Land Use Permit Surety Bond Cancellation may be addressed to:
Virginia Department of Transportation

_____

_____

THE CINCINNATI INSURANCE COMPANY

Fairfield, Ohio

POWER OF ATTORNEY

6746327

KNOW ALL MEN BY THESE PRESENTS: That THE CINCINNATI INSURANCE COMPANY, a corporation organized under the laws of the State of Ohio, and having its principal office in the City of Fairfield, Ohio, does hereby constitute and appoint

Donna M Smith

of Lynchburg, VA its true and lawful Attorney(s)-in-Fact to sign, execute, seal and deliver on its behalf as Surety, and as its act and deed, any and all bonds, policies, undertakings, or other like instruments, as follows:

Any such obligations in the United States,

Twenty Million and No/100 Dollars ($20,000,000.00).

This appointment is made under and by authority of the following resolution passed by the Board of Directors of said Company at a meeting held in the principal office of the Company, a quorum being present and voting, on the 6th day of December, 1958, which resolution is still in effect:

RESOLVED, that the President or any Vice President be hereby authorized, and empowered to appoint Attorneys-in-Fact of the Company to execute any and all bonds, policies, undertakings, or other like instruments on behalf of the Corporation, and may authorize any officer or any such Attorney-in-Fact to affix the corporate seal; and may with or without cause modify or revoke any such appointment or authority. Any such writings so executed by such Attorneys-in-Fact shall be binding upon the Company as if they had been duly executed and acknowledged by the regularly elected officers of the Company.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company at a meeting duly called and held on the 7th day of December, 1973.

RESOLVED, that the signature of the President or a Vice President and the seal of the Company may be affixed by facsimile on any power of attorney granted, and the signature of the Secretary or Assistant Secretary and the seal of the Company may be affixed by facsimile to any certificate of any such power and any such power of certificate bearing such facsimile signature and seal shall be valid and binding on the Company. Any such power so executed and sealed and certified by certificate so executed and sealed shall, with respect to any bond or undertaking to which it is attached, continue to be valid and binding on the Company.

IN WITNESS WHEREOF, THE CINCINNATI INSURANCE COMPANY has caused these presents to be sealed with its corporate seal, duly attested by its Vice President this 1st day of April, 2007.

The Cincinnati Insurance Company CORPORATE SEAL OHIO

THE CINCINNATI INSURANCE COMPANY

Thomas H. Kelly

Vice President

STATE OF OHIO)
) ss:
COUNTY OF BUTLER)

On this 1st day of April, 2007, before me came the above-named Vice President of THE CINCINNATI INSURANCE COMPANY, to me personally known to be the officer described herein, and acknowledged that the seal affixed to the preceding instrument is the corporate seal of said Company and the corporate seal and the signature of the officer were duly affixed and subscribed to said instrument by the authority and direction of said corporation.

NOTARIAL SEAL STATE OF OHIO

Mark J. Huller

MARK J. HULLER, Attorney at Law
NOTARY PUBLIC - STATE OF OHIO
My commission has no expiration
date. Section 147.03 O.R.C.

I, the undersigned Secretary or Assistant Secretary of THE CINCINNATI INSURANCE COMPANY, hereby certify that the above is a true and correct copy of the Original Power of Attorney issued by said Company, and do hereby further certify that the said Power of Attorney is still in full force and effect.

GIVEN under my hand and seal of said Company at Fairfield, Ohio, this 1st day of September 2015

The Cincinnati Insurance Company CORPORATE SEAL OHIO

Gregory J. Schlueter

Secretary

BN-1005 (3/02)

LAND USE PERMIT
RESOLUTION
August 26, 2014

[County, City or Town Letterhead]

"RESOLUTION"

WHEREAS, it becomes necessary from time to time for the *[County, City or Town]* of *[County, City or Town Name]* to obtain land use permits from the Virginia Department of Transportation to install, construct, maintain and operate certain public works and public utilities projects along, across over and upon highway systems of the Commonwealth of Virginia; and,

WHEREAS, expense, damage or injury may be sustained by the Commonwealth of Virginia growing out of granting to the *[County, City or Town]* of *[County, City or Town Name* by the Virginia Department of Transportation of said permits for the work aforesaid;

NOW, THEREFORE, BE IT RESOLVED by the *[County, City or Town] [Board of Supervisors, City or Town Council]* this *[Date]* day of *[Month], [Year]*:

Section 1: That in accordance with the provisions of Section 24VAC30-151-720 of the Land Use Permit Regulations of the Virginia Department of Transportation, the *[County, City or Town]* of *[County, City or Town Name]* does hereby grant assurances to the Virginia Department of Transportation (VDOT) that it shall in all respects comply with all of the conditions of the permit or permits that have been, or will be, granted to the *[County, City or Town]* of *[County, City or Town Name]* and that said jurisdiction does hereby certify that it will carry liability insurance for personal injury and property damage that may arise from the work performed under permit and/or from the operation of the permitted activity as follows: up to one-million dollars ($1,000,000) each occurrence to protect the Commonwealth Transportation Board members and the Virginia Department of Transportation's agents or employees; seventy-five thousand dollars ($75,000) each occurrence to protect the Commonwealth Transportation Board, the Virginia Department of transportation or the Commonwealth of Virginia in the event of suit.

Section 2: That the County Administrator, City or Town Mayor, or their designee, be, and hereby is authorized to execute on behalf of the *[County, City or Town]* of *[County, City or Town Name]* all land use permits and related documents of the Virginia Department of Transportation.

Section 3: That this resolution shall be a continuing resolution and shall not be revoked unless and until sixty (60) days written notice of any proposed revocation be submitted to the Virginia Department of Transportation.

Section 4: That the *[County, City or Town]* of *[County, City or Town Name]* shall, if requested by the Virginia Department of Transportation, provide a letter that commits to using the surety provided by its contractor or to have the contractor execute a dual obligation rider that adds the Virginia Department of Transportation as an additional obligee to the surety bond provided to the locality, with either of these options guaranteeing the work performed within state maintained right-of-way under the terms of the land use permit for that purpose.

BE IT STILL FURTHER RESOLVED that the County Administrator, City or Town Mayor, or their designee, be, and hereby is authorized and directed to procure insurance required by Section 1 herein.

The foregoing Resolution was adopted by the [County Board of Supervisors, City or Town Council] at its regular meeting held on [Day, Month, Year] in [County, City or Town Name], Virginia.

[Authorized Signature]
[Printed Name & Title]
[County, City or Town Name]

SHEET 1

PLACE 2' X 3' HANDHOLE

PLACE 363' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) CLM

PLACE 775' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) CLM

PLACE 3' X 5' MANHOLE

PLACE 165' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) CLM

PLACE 2' X 3' HANDHOLE

SEE SH. 2

PLACE 2' X 3' HANDHOLE

MAPLE ST
LINDEN ST
MAIN ST
COURT ST
BURKE ST
LEE GRANT AVE

JWS COMMUNICATIONS APPOMATTOX FIBER BUILD

DENOTES RIGHT OF WAY LINE

DENOTES 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE

Lat 37.355526 75
Long -78.829 22 99
} School Board location middle of activity

Submitted 8/1/2019 3:40pm Appomattox

SHEET 2

PLACE 381' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) ccm
KIDS PL
PLACE 2' X 3' HANDHOLE
PLACE 450' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) ccm
PLACE 417' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) ccm
PLACE 2' X 3' HANDHOLE
PLACE 521' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) ccm
LEE GRANT AVE
SEE SH. 1
PLACE 2' X 3' HANDHOLE
CONTINUE ON SCHOOL PROPERTY
50 m
200 ft
JWS COMMUNICATIONS APPOMATTOX FIBER BUILD
DENOTES RIGHT OF WAY LINE
DENOTES 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE

SHEET 1

JWS COMMUNICATIONS APPOMATTOX FIBER BUILD

DENOTES RIGHT OF WAY LINE

DENOTES 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE

PLACE 33' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) CLM

LEE GRANT AVE

EXISTING 2' X 3' HANDHOLE (PLACED ON PREVIOUS PERMIT)

PLACE 530' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) CLM

MAPLE ST

PLACE 2' X 3' HANDHOLE

COURT ST

PLACE 503' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) CLM

WEBB LN

PLACE 2' X 3' HANDHOLE

BURKE ST

SEE SH. 2

50 m

200 ft

SHEET 2

JWS COMMUNICATIONS APPOMATTOX FIBER BUILD

DENOTES RIGHT OF WAY LINE

DENOTES 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE

SEE SH. 1

PLACE 556' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) cm

COMMERCE ST

PLACE 2' X 3' HANDHOLE

LEE GRANT AVE

CHURCH ST

PLACE 484' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) cm

PLACE 2' X 3' HANDHOLE

PLACE 500' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) cm

SEE SH. 3

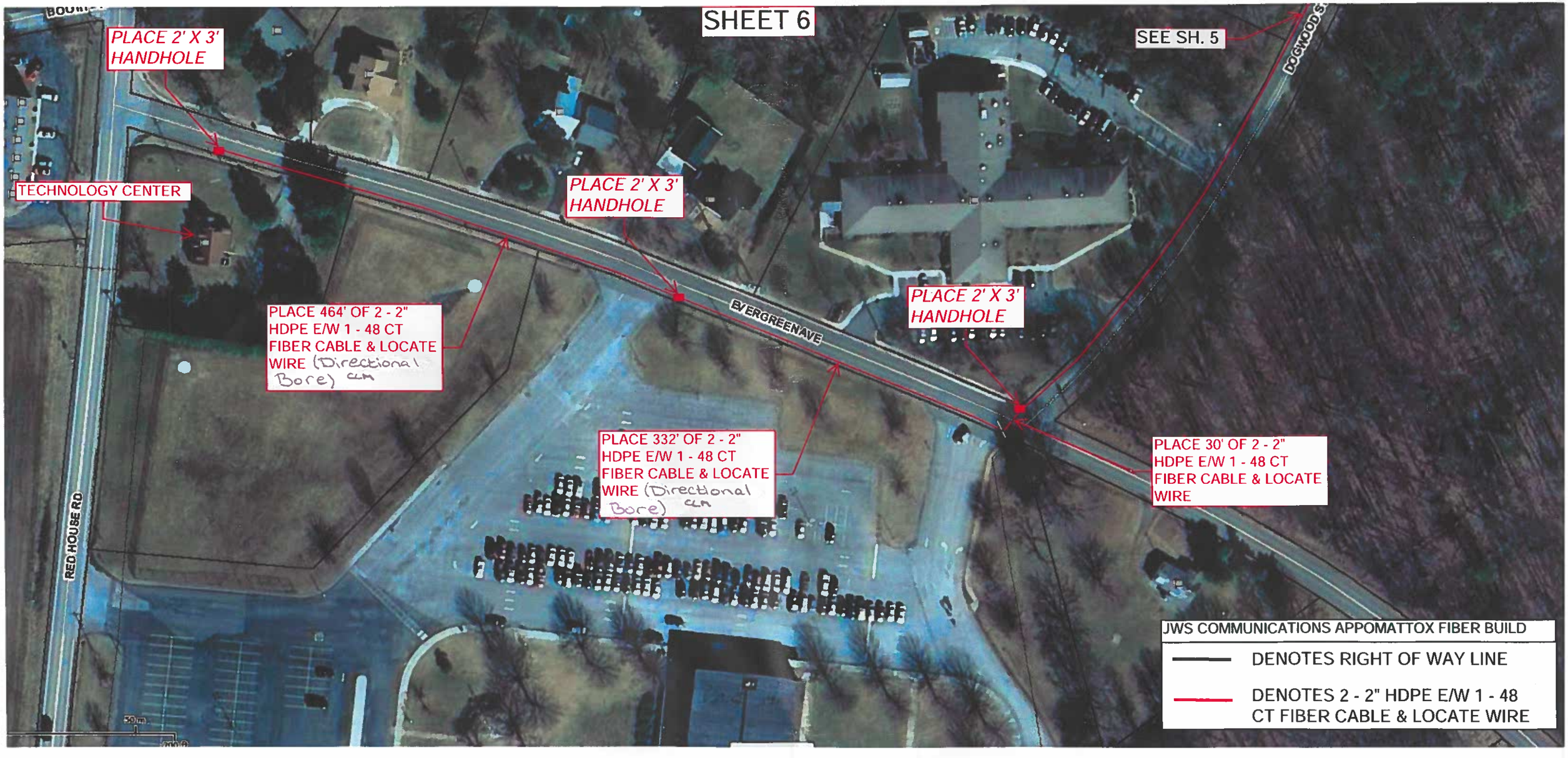
SHEET 3

SEE SH. 2
PLACE 378' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) CLM
PLACE 2' X 3' HANDHOLE
PLACE 2' X 3' HANDHOLE
PLACE 367' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) CLM
PLACE 2' X 3' HANDHOLE
JWS COMMUNICATIONS APPOMATTOX FIBER BUILD
DENOTES RIGHT OF WAY LINE
DENOTES 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE
LOMBARDY ST
DOGWOOD ST
LEE GRANT AVE
SEE SH. 4

SHEET 4
SEE SH. 3
PLACE 573' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore)
PLACE 2' X 3' HANDHOLE
SEE SH. 5
LOMBARDY ST
DOGWOOD ST
BRADFORD LN
GRANT AVE
JWS COMMUNICATIONS APPOMATTOX FIBER BUILD
DENOTES RIGHT OF WAY LINE
DENOTES 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE
Open Results

SHEET 5
SEE SH. 4
LOMBARDY ST
MORRIS AVE
DOGWOOD ST
PLACE 600' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) cm
PLACE 2' X 3' HANDHOLE
PLACE 579' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) cm
SEE SH. 6
50 m
200 ft
JWS COMMUNICATIONS APPOMATTOX FIBER BUILD
DENOTES RIGHT OF WAY LINE
DENOTES 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE

SHEET 6


PLACE 2' X 3' HANDHOLE
TECHNOLOGY CENTER
PLACE 2' X 3' HANDHOLE
SEE SH. 5
DOGWOOD S
PLACE 464' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) cm
EVERGREEN AVE
PLACE 2' X 3' HANDHOLE
PLACE 332' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) cm
PLACE 30' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE
RED HOUSE RD
JWS COMMUNICATIONS APPOMATTOX FIBER BUILD
DENOTES RIGHT OF WAY LINE
DENOTES 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE

SHEET 1

JWS COMMUNICATIONS APPOMATTOX FIBER BUILD

DENOTES RIGHT OF WAY LINE

DENOTES 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE

CONTINUE ON COUNTY PROBERTY

PLACE 153' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) CLM

PLACE 483' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) CLM

PLACE 2' X 3' HANDHOLE

PLACE 2' X 3' HANDHOLE

SEE SH. 2

CARVER LN

FEDERATE BLVD

MOSES AVE

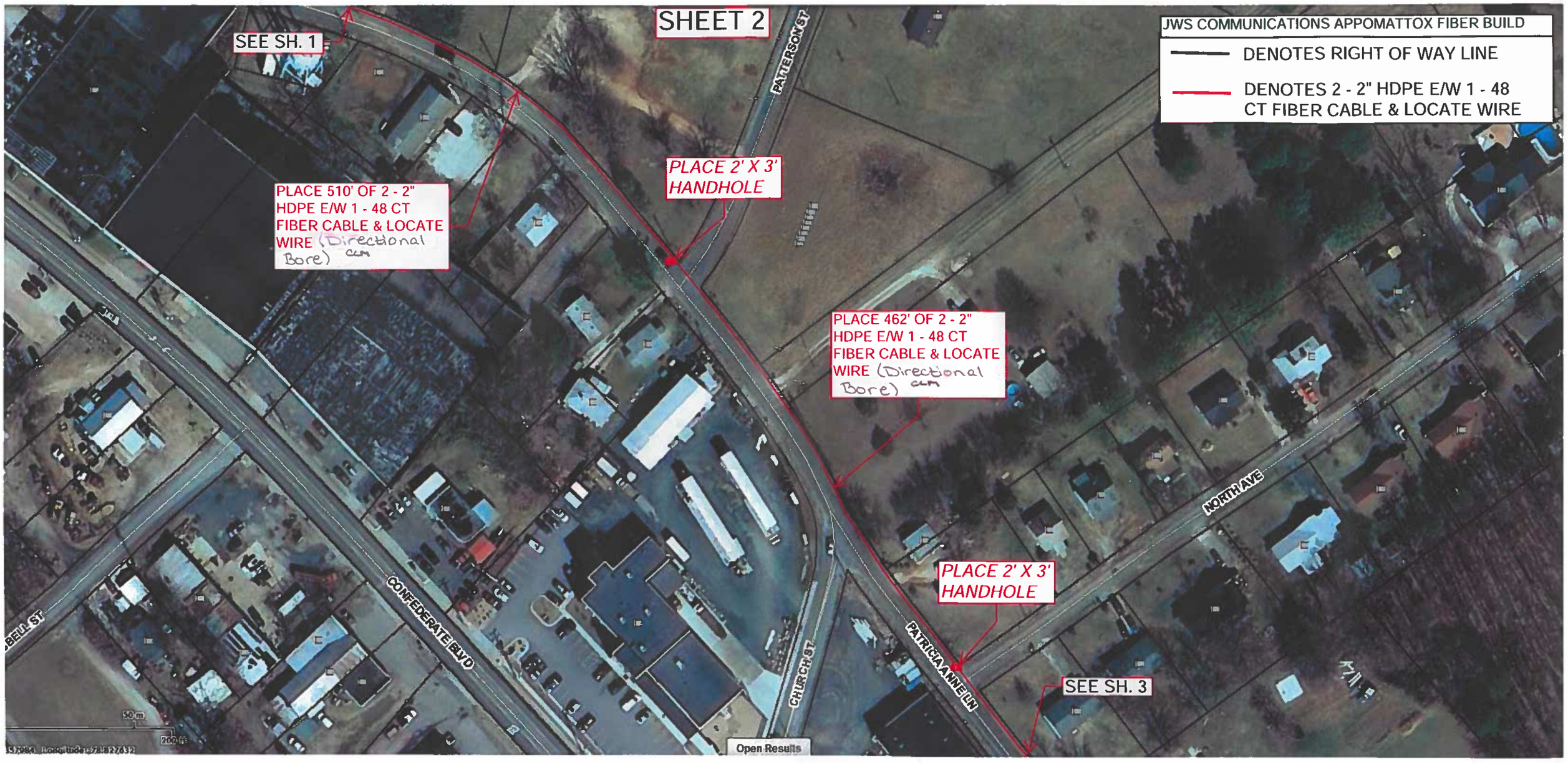
HIGH ST

FRICK LN

PATRICIA ANNE LN

PATTERSON ST

Open Results


SHEET 2
SEE SH. 1
PLACE 510' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) CLM
PLACE 2' X 3' HANDHOLE
PLACE 462' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) CLM
PLACE 2' X 3' HANDHOLE
SEE SH. 3
JWS COMMUNICATIONS APPOMATTOX FIBER BUILD
DENOTES RIGHT OF WAY LINE
DENOTES 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE
PATTERSON ST
CONFEDERATE BLVD
CHURCH ST
PATRICIA ANNE LN
NORTH AVE
BELL ST
Open Results

SHEET 3

SEE SH. 2

NORTH

PATRICIA ANNE LN

CHURCH ST

CONFEDERATE BLVD

OAKLEIGH AVE

PLACE 312' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) CLM

PLACE 26' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE

PLACE 310' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) CLM

CONTINUE ON COUNTY PROPERTY

PLACE 2' X 3' HANDHOLE

JWS COMMUNICATIONS APPOMATTOX FIBER BUILD

DENOTES RIGHT OF WAY LINE

DENOTES 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE

50 m

200 ft

Open Results

JWS COMMUNICATIONS APPOMATTOX FIBER BUILD
DENOTES RIGHT OF WAY LINE
DENOTES 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE
SHEET 1
HH PLACED ON COUNTY PROBERTY
CONTINUE ON COUNTY PROBERTY
PLACE 190' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore)
SEE SH. 2
LEARNING LN
FERGUSON ST
SECOND ST
FIRST ST
COURT ST
Open Results

SHEET 2

PLACE 298' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) cm

SEE SH. 1

FERGUSON ST

ARMSTRONG LN

PLACE 2' X 3' HANDHOLE

PLACE 581' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) cm

SECOND ST

PLACE 2' X 3' HANDHOLE

VIRGINIA AVE

PLACE 515' OF 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE (Directional Bore) cm

FIRST ST

PLACE 2' X 3' HANDHOLE

SEE SH. 3

MORTON LN

Open Results

JWS COMMUNICATIONS APPOMATTOX FIBER BUILD

DENOTES RIGHT OF WAY LINE

DENOTES 2 - 2" HDPE E/W 1 - 48 CT FIBER CABLE & LOCATE WIRE

SHEET 3
SEE SH. 2
VIRGINIA AVE
PLACE 516' OF 2 - 2" HDPE E/W
1 - 48 CT FIBER CABLE &
LOCATE WIRE (Directional Bore)
EXISTING
HANDHOLE
S BELL ST
HIGH ST
FEDERATE BLVD
HIGHLAND AVE
COURT ST
ATWOOD ST
CHURCH ST
MORTON LN
50 m
200 ft
JWS COMMUNICATIONS APPOMATTOX FIBER BUILD
DENOTES RIGHT OF WAY LINE
DENOTES 2 - 2" HDPE E/W 1 - 48
CT FIBER CABLE & LOCATE WIRE